CONTENTS

Volume 6, Issue Nos 1–4

REGULATED RIVERS: RESEARCH AND MANAGEMENT

Issue No. 1, JANUARY–MARCH

Benthic Macroinvertebrate Communities in Nonregulated and Regulated Waters of the Clearwater River, Idaho, USA: M. D. Munn and M. A. Brusven 1

Numerical Simulation of Overbank Flood Discharges: J. J. R. Williams and C. Stavropoulou . . . 13

Response of Montane Meadow Vegetation After Two Years of Streamflow Augmentation: R. J. Henszey, Q. D. Skinner and T. A. Wesche 29

The Effects on Fish Spawning and Management Implications of Impoundment Water Releases in an Intermittent South African River: J. A. Cambray 39

Complex Response of a Sand-bed Stream to Upstream Impoundment: J. J. Sherrard and W. D. Erskine . 53

Announcement 71

Issue No. 2, APRIL–JUNE

PREFACE: Floodplain River Symposium: C. F. Bryan 73

The Flood Pulse Advantage and the Restoration of River-Floodplain Systems: P. B. Bayley . . . 75

Turbidity Control and Fisheries Enhancement in a Bottomland Hardwood Backwater System in Louisiana (U.S.A.): M. S. Ewing 87

The Legal Framework for River Use in the United States: W. E. Cox 101

Physicochemical Factors Affecting Larval Fish Densities in Mississippi River Floodplain Ponds, Louisiana (U.S.A.): M. J. Sabo, W. E. Kelso, C. F. Bryan and D. A. Rutherford 109

Development of Water Level Regulation Strategies for Fish and Wildlife, Upper Mississippi River System: K. S. Lubinski, G. Carmody, D. Wilcox and B. Drazkowski 117

Typology of Aquatic Habitats in the Great Ouse, a Small Regulated Lowland River: G. H. Copp . . 125

Juvenile Fishes as Functional Describers of Fluvial Ecosystem Dynamics: Applications on the River Rhône, France: G. H. Copp, J. M. Oliver, M. Peñáz and A. L. Roux 135

Issue No. 3, JULY–SEPTEMBER

Vegetation Change in the Spray Zone of a Waterfall Following River Regulation in Aurland, Western Norway: A. Odland, H. H. Birks, A. Botnen, T. Tønsberg and O. Vevle 147

Effects of Channel Restabilization on Habitat Diversity, Twentymile Creek, Mississippi: F. D. Shields, Jr. and J. J. Hoover. 163

Macroinvertebrate Assemblages in Floodplain Habitats of the Lower River Murray, South Australia: A. J. Boulton and L. N. Lloyd 183

Flume Study of the Hydraulic Effects of Large Woody Debris in Lowland Rivers: W. J. Young. . . . 203

Recovery of Aquatic Macroinvertebrate Assemblages Downstream of the Canning Dam, Western Australia: A. W. Storey, D. H. Edward and P. Gazey. 213

SHORT COMMUNICATION

Cross-Channel Distribution Patterns of Zoobenthos in a Regulated Reach of the Tennessee River: K. H. Haag and J. H. Thorp 225

Book Reviews 235

Issue No. 4, OCTOBER–DECEMBER

EDITORIAL: Special Issue on Surface-water Invertebrates of European Alluvial Floodplains: 239

The Impact of River Regulation on the Lotic Macroinvertebrate Communities of the Lower Rhône, France: J. R. Fruget 241

Development and Habitat Selection of Chironomid Communities: M. Grzybkowska 257

Macrozoobenthos of Floodplain Waters of the Rivers Rhine and Meuse in the Netherlands: a Structural and Functional Analysis in Relation to Hydrology: F. W. Van den Brink and G. Van der Velde 265

Surface Water Connection and the Macrozoobenthos of Two Types of Floodplains on the Upper Rhine: P. Obrdlik and U. Fuchs 279

Aquatic Macroinvertebrate Assemblages of Two Contrasting Floodplains: The Rhône and Ain Rivers, France: E. Castella, M. Richardot-Coulet, C. Roux and P. Richoux 289

Water Mollusc Communities and Bioindication of Lower Salzach Floodplain Waters: F. Foeckler, U. Diepolder and O. Deichner 301

Composition and Distribution of Carabid Communities Along Rivers and Ponds in the Region of Upper Weser (NW/NDS/FRG) with Respect to Protection and Management of a Floodplain Ecosystem: B. Gerken, K. Dörfer, M. Buschmann, S. Kamps-Schwob, J. Berthelmann and D. Gertenbach . . 313

The Use of Coleoptera (Arthropoda: Insecta) for Floodplain Characterization on the River Trent, U.K.: M. T. Greenwood, M. A. Bickerton, E. Castella, A. R. G. Large and G. E. Petts 321

Grasshoppers (Orthoptera, Saltatoria) on Alpine and Dealpine Riverbanks and Their Use as Indicators for Natural Floodplain Dynamics: M. Reich 333

A Floodplain Forest Mosquito Community After Man-made Moisture Changes (Culicidae, Diptera): J. Vaňhara 341

Author Index 349

Keyword Index 349